

# **Spatial Light Modulator Market by Application (Beam Shaping, Display, Optical, Laser Beam Steering, Holographic Data Storage), Resolution (Less Than 1024\*768 PX, EQ or More Than 1024\*768 PX), Type and Geography - Global Forecast to 2020**

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## **Abstracts**

“Increased applications across various industries is the key driver for the growth of spatial light modulator market”

The spatial light modulator market is expected to grow from USD 202.2 million in 2015 to USD 451.2 million by 2020, at a CAGR of 17.4% during the forecast period. The spatial light modulator technology is used in various applications, such as holographic displays and LCoS displays, among others. The entertainment industry is one of the major end use industries for holographic displays. Holographic displays find application in defense and security, where they are used to recreate battlefield situations. This helps military intelligence in battlefield planning, disposal of explosives, and identification of targets (object, weapons, or explosives). Thus, the increasing usage across different industries is expected to contribute to the growth of the spatial modulator market.

“The beam shaping application segment is expected to contribute the largest share by 2020”

Beam shaping is also known as pulse shaping. The beam shaping segment includes the usage of spatial light modulator in femtosecond laser pulse shaping, laser and material processing, and material processing. This segment is expected to contribute the largest share by 2020 and grow at the highest CAGR during the forecast period, due to the increased use of spatial light modulator in the aforementioned processes.

“The market in Asia-Pacific is expected to grow at the highest CAGR during the forecast period”

The spatial light modulator market in Asia-Pacific is projected to witness significant growth in terms of consumption of spatial light modulator across various applications. The optical application, beam shaping, and display application segments are expected to witness high growth in this region. Countries such as China, Japan, and South Korea are expected to drive the growth of the spatial light modulator market in Asia-Pacific.

Break-up of profile of primary participants is given below as:

Breakdown of profile of primary participants:

By Company Type: Tier 1 - 57 %, Tier 2 - 26% and Tier 3 - 17%

By Designation: C level - 65%, Director level - 25%, Others - 10%

By Region: APAC - 40%, North America - 30%, Europe - 20%, RoW - 10%

Major players operational in the spatial light modulator market are Hamamatsu Photonics K.K. (Japan), SANTEC CORPORATION (Japan), Forth Dimension Displays Ltd. (U.S.), Jenoptik AG (Germany), HOLOEYE Photonics AG (Germany), and Texas Instruments (U.S.)

Reasons to Buy the Report:

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the spatial light modulator market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across different verticals and regions.
2. The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET SEGMENTATION AND COVERAGE
- 1.3 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 INTEGRATED ECOSYSTEM OF THE GLOBAL SPATIAL LIGHT MODULATOR MARKET
- 2.2 ARRIVING AT THE GLOBAL SPATIAL LIGHT MODULATOR MARKET SIZE
  - 2.2.1 TOP-DOWN APPROACH
  - 2.2.2 BOTTOM-UP APPROACH
  - 2.2.3 DEMAND SIDE APPROACH
  - 2.2.4 MACRO INDICATOR-BASED APPROACH
- 2.3 ASSUMPTIONS

### **3 EXECUTIVE SUMMARY**

### **4 MARKET OVERVIEW**

- 4.1 INTRODUCTION
- 4.2 COMPARISON WITH PARENT MARKET
- 4.3 MARKET DRIVERS AND RESTRAINTS
- 4.4 KEY MARKET DYNAMICS
- 4.5 DEMAND SIDE ANALYSIS

### **5 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION**

- 5.1 INTRODUCTION
- 5.2 DISPLAY APPLICATION
- 5.3 LASER BEAM STEERING
- 5.4 BEAM SHAPING (PULSE SHAPING)
- 5.5 OPTICAL APPLICATION
- 5.6 HOLOGRAPHIC DATA STORAGE
- 5.7 OTHER APPLICATIONS

## **6 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY RESOLUTION**

### **6.1 INTRODUCTION**

### **6.2 COMPARISON WITH PARENT MARKET**

### **6.3 LESS THAN 1024\*768 PIXEL RESOLUTION**

### **6.4 EQUAL OR MORE THAN 1024\*768 PIXEL RESOLUTION**

## **7 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY TYPE**

### **7.1 INTRODUCTION**

### **7.2 OPTICALLY ADDRESSED**

### **7.3 ELECTRICALLY ADDRESSED**

#### **7.3.1 LIQUID CRYSTAL EASLM**

#### **7.3.2 DEFORMABLE-MIRROR**

## **8 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY GEOGRAPHY**

### **8.1 INTRODUCTION**

### **8.2 AVERAGE SELLING PRICE (ASP) TRENDS**

### **8.3 NORTH AMERICA**

#### **8.3.1 BY APPLICATION**

#### **8.3.2 BY COUNTRY**

##### **8.3.2.1 VALUE**

##### **8.3.2.2 VOLUME**

#### **8.3.3 AVERAGE SELLING PRICE (ASP) TRENDS**

### **8.4 EUROPE**

#### **8.4.1 BY APPLICATION**

#### **8.4.2 BY COUNTRY**

##### **8.4.2.1 VALUE**

##### **8.4.2.2 VOLUME**

#### **8.4.3 AVERAGE SELLING PRICE (ASP) TREND**

### **8.5 ASIA-PACIFIC**

#### **8.5.1 BY APPLICATION**

#### **8.5.2 BY COUNTRY**

##### **8.5.2.1 VALUE**

##### **8.5.2.2 VOLUME**

#### **8.5.3 AVERAGE SELLING PRICE (ASP) TRENDS**

### **8.6 REST OF WORLD SPATIAL LIGHT MODULATOR MARKET**

#### **8.6.1 BY APPLICATION**

## **9 COMPETITIVE LANDSCAPE**

### **9.1 OVERVIEW**

### **9.2 MARKET ASSESSMENT OF KEY PLAYERS**

### **9.3 NEW PRODUCT DEVELOPMENTS**

### **9.4 ACQUISITIONS AND OTHER EXPANSIONS**

## **10 COMPANY PROFILES**

(Overview, Products and Services, Financials, Strategy & Development)\*

### **10.1 FORTH DIMENSION DISPLAYS LTD.**

### **10.2 HAMAMATSU PHOTONICS K.K.**

### **10.3 HOLOEYE PHOTONICS AG**

### **10.4 JENOPTIK AG**

### **10.5 LASER 2000 (UK) LTD.**

### **10.6 MEADOWLARK OPTICS, INC.**

### **10.7 PERKIN ELMER INC.**

### **10.8 SANTEC CORPORATION**

### **10.9 TEXAS INSTRUMENTS INC.**

\*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

## **11 APPENDIX**

### **11.1 CUSTOMIZATION OPTIONS**

#### **11.1.1 PRODUCT PORTFOLIO ANALYSIS**

#### **11.1.2 COUNTRY-LEVEL DATA ANALYSIS**

#### **11.1.3 PRODUCT COMPARISON OF VARIOUS COMPETITORS**

### **11.2 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE**

### **11.3 RT SNAPSHOT**

### **11.4 RELATED REPORTS**

## List Of Tables

### LIST OF TABLES

Table 1 GLOBAL R&D EXPENDITURE, 2012-2013 (USD BN)

Table 2 GLOBAL SPATIAL LIGHT MODULATOR MARKET: COMPARISON WITH PARENT MARKET, 2014 - 2020 (USD BN)

Table 3 GLOBAL SPATIAL LIGHT MODULATOR MARKET: DRIVERS AND RESTRAINTS

Table 4 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY GEOGRAPHY, 2014-2020 (USD MN)

Table 5 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2014-2020 (USD MN)

Table 6 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY RESOLUTION, 2014-2020 (USD MN)

Table 7 GLOBAL SPATIAL LIGHT MODULATOR MARKET: COMPARISON WITH APPLICATION MARKETS, 2014 - 2020 (USD BN)

Table 8 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2014 - 2020 (USD MN)

Table 9 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR DISPLAY APPLICATION, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 10 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR LASER BEAM STEERING, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 11 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR BEAM SHAPING (PULSE SHAPING), BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 12 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR OPTICAL APPLICATION, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 13 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR HOLOGRAPHIC DATA STORAGE, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 14 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR OTHER APPLICATIONS, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 15 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY RESOLUTION, 2014 - 2020 (USD MN)

Table 16 GLOBAL SPATIAL LIGHT MODULATOR MARKET: COMPARISON WITH PARENT MARKET, BY RESOLUTION, 2014 - 2020 (USD MN)

Table 17 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Table 18 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY GEOGRAPHY, 2014 - 2020 (THOUSAND UNITS)

Table 19 AVERAGE SELLING PRICE (ASP) TREND FOR GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY GEOGRAPHY, 2014 - 2020 (USD)

Table 20 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2014 - 2020 (USD MN)

Table 21 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET: VALUE, BY COUNTRY, 2014 - 2020 (USD MN)

Table 22 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET: VOLUME, BY COUNTRY, 2014 - 2020 (THOUSAND UNITS)

Table 23 AVERAGE SELLING PRICE (ASP) TRENDS FOR NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET, BY COUNTRY, 2014 - 2020 (USD)

Table 24 EUROPE SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2014 - 2020 (USD MN)

Table 25 EUROPE SPATIAL LIGHT MODULATOR MARKET: VALUE, BY COUNTRY, 2014 - 2020 (USD MN)

Table 26 EUROPE SPATIAL LIGHT MODULATOR MARKET: VOLUME, BY COUNTRY, 2014 - 2020 (THOUSAND UNITS)

Table 27 AVERAGE SELLING PRICE (ASP) TRENDS FOR EUROPE SPATIAL LIGHT MODULATOR MARKET, BY COUNTRY, 2014 - 2020 (USD)

Table 28 ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2014 - 2020 (USD MN)

Table 29 ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET: VALUE, BY COUNTRY, 2014 - 2020 (USD MN)

Table 30 ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET: VOLUME, BY COUNTRY, 2014 & 2020 (THOUSAND UNITS)

Table 31 AVERAGE SELLING (ASP) TRENDS FOR ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET, BY COUNTRY, 2014 - 2020 (USD)

Table 32 REST OF WORLD SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2014 - 2020 (USD MN)

Table 33 GLOBAL SPATIAL LIGHT MODULATOR MARKET: NEW PRODUCT DEVELOPMENTS

Table 34 GLOBAL SPATIAL LIGHT MODULATOR MARKET: ACQUISITIONS AND OTHER EXPANSIONS

Table 35 HAMAMATSU PHOTONICS KK: REVENUE, BY BUSINESS SEGMENT, 2010-2014 (USD MN)

Table 36 HAMAMATSU PHOTONICS KK: REVENUE, BY GEOGRAPHY, 2011-2013, (USD MN)

Table 37 JENOPTIK AG: REVENUE, BY BUSINESS SEGMENT, 2010-2014, (USD MN)

Table 38 JENOPTIK AG: REVENUE, BY GEOGRAPHY, 2010-2014, (USD MN)

Table 39 PARKIN ELMER INC.: REVENUE, BY BUSINESS SEGMENT, 2010-2014  
(USD MN)

Table 40 PARKIN ELMER INC.: REVENUE, BY GEOGRAPHY 2010-2014 (USD MN)

Table 41 SANTEC CORPORATION: KEY FINANCIALS, 2013-2015 (USD MN)

Table 42 TEXAS INSTRUMENTS INC: REVENUE, BY BUSINESS SEGMENT,  
2010–2014 (USD MN)

Table 43 TEXAS INSTRUMENTS INC: REVENUE, BY GEOGRAPHY, 2010–2014  
(USD MN)



## List Of Figures

### LIST OF FIGURES

Figure 1 GLOBAL SPATIAL LIGHT MODULATOR MARKET: SEGMENTATION & COVERAGE

Figure 2 INTEGRATED ECOSYSTEM OF THE GLOBAL SPATIAL LIGHT MODULATOR MARKET

Figure 3 RESEARCH METHODOLOGY

Figure 4 ARRIVING AT GLOBAL SPATIAL LIGHT MODULAR MARKET SIZE: TOP-DOWN APPROACH

Figure 5 ARRIVING AT GLOBAL SPATIAL LIGHT MODULAR MARKET SIZE: BOTTOM-UP APPROACH

Figure 6 ARRIVING AT GLOBAL SPATIAL LIGHT MODULAR MARKET SIZE: DEMAND SIDE APPROACH

Figure 7 GLOBAL R&D EXPENDITURE, 2012-2013 (USD BN)

Figure 8 GLOBAL SPATIAL LIGHT MODULATOR MARKET: SNAPSHOT

Figure 9 GLOBAL SPATIAL LIGHT MODULATOR MARKET: GROWTH ASPECTS

Figure 10 GLOBAL SPATIAL LIGHT MODULATOR MARKET: COMPARISON WITH PARENT MARKET, 2014-2020 (USD BN)

Figure 11 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY GEOGRAPHY, 2015 & 2020 (USD MN)

Figure 12 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2015 & 2020 (USD MN)

Figure 13 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY RESOLUTION, 2015 & 2020 (USD MN)

Figure 14 GLOBAL SPATIAL LIGHT MODULATOR MARKET: COMPARISON WITH APPLICATION MARKETS, 2014 - 2020 (USD BN)

Figure 15 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2015 & 2020 (USD MN)

Figure 16 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR DISPLAY APPLICATION, BY GEOGRAPHY, 2015 & 2020 (USD MN)

Figure 17 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR LASER BEAM STEERING, BY GEOGRAPHY, 2015 & 2020 (USD MN)

Figure 18 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR BEAM SHAPING (PULSE SHAPING), BY GEOGRAPHY, 2015 & 2020 (USD MN)

Figure 19 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR OPTICAL APPLICATION, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Figure 20 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR HOLOGRAPHIC

DATA STORAGE, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Figure 21 GLOBAL SPATIAL LIGHT MODULATOR MARKET FOR OTHER APPLICATIONS, BY GEOGRAPHY, 2014 - 2020 (USD MN)

Figure 22 GLOBAL SPATIAL LIGHT MODULATOR MARKET, BY RESOLUTION, 2015 & 2020 (USD MN)

Figure 23 GLOBAL SPATIAL LIGHT MODULATOR MARKET: COMPARISON WITH PARENT MARKET, BY RESOLUTION, 2014–2020 (USD MN)

Figure 24 GLOBAL SPATIAL LIGHT MODULATOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2015 & 2020 (USD MN)

Figure 25 GLOBAL SPATIAL LIGHT MODULATOR MARKET: GROWTH ANALYSIS, BY GEOGRAPHY, 2015 & 2020 (THOUSAND UNITS)

Figure 26 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2015 & 2020 (USD MN)

Figure 27 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET: APPLICATION SNAPSHOT, 2015 & 2020 (USD MN)

Figure 28 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET: VALUE, BY COUNTRY, 2015 & 2020 (USD MN)

Figure 29 NORTH AMERICA SPATIAL LIGHT MODULATOR MARKET: VOLUME, BY COUNTRY, 2015 & 2020 (THOUSAND UNITS)

Figure 30 EUROPE SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2015 & 2020 (USD MN)

Figure 31 EUROPE SPATIAL LIGHT MODULATOR MARKET: APPLICATION SNAPSHOT, 2015 & 2020 (USD MN)

Figure 32 EUROPE SPATIAL LIGHT MODULATOR MARKET: VALUE, BY COUNTRY, 2015 & 2020 (USD MN)

Figure 33 EUROPE SPATIAL LIGHT MODULATOR MARKET: VOLUME, BY COUNTRY, 2015 & 2020 (THOUSAND UNITS)

Figure 34 ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2015 & 2020 (USD MN)

Figure 35 ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET: APPLICATION SNAPSHOT, 2015 & 2020 (USD MN)

Figure 36 ASIA-PACIFIC SPATIAL LIGHT MODULATOR MARKET: VALUE, BY COUNTRY, 2015 & 2020 (USD MN)

Figure 37 ASIA - PACIFIC SPATIAL LIGHT MODULATOR MARKET: VOLUME, BY COUNTRY, 2015 & 2020 (THOUSAND UNITS)

Figure 38 REST OF WORLD SPATIAL LIGHT MODULATOR MARKET, BY APPLICATION, 2015 & 2020 (USD MN)

Figure 39 REST OF WORLD SPATIAL LIGHT MODULATOR MARKET: APPLICATION SNAPSHOT, 2015 & 2020 (USD MN)

## Figure 40 GLOBAL SPATIAL LIGHT MODULATOR MARKET: MARKET ASSESSMENT OF KEY PLAYERS

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